

ITEM 38

CAST-IN-PLACE CONCRETE

CURB INLETS

38.01 DESCRIPTION

This item shall consist of surface drainage inlets constructed of such materials and in accordance with these Specifications at the locations shown and in conformity with the lines, grades, and dimensions shown on the Plans or required by the Engineer. These structures shall include the furnishing and installation of such specials and connections to pipes and other structures as may be required to complete the Item as shown on the Plans. The structures shall provide for the collection of surface water.

38.02 MATERIALS

(a) Concrete

These structures shall be constructed plain and reinforced concrete as specified in Items 3 and 4.

(b) Frames and Covers

Acheson frame and cover (with seal) is now A-2522-41C (formerly VM-25).

Inlet frames and covers shall be expansion cast ABS thermoplastic curb drain manhole frame and cover No. DX22-4CD by Dexol or equal.

(c) Forms

Forms shall be equal to ABS plastic forms as marketed by Improved Construction Methods, Inc., P. O. Box 685, Jacksonville, Arkansas, or P. O. Box 510, Old Hickory, Tennessee 37138.

Vertical forms, wall spacers, steps, and placing cone shall be carefully positioned and firmly clamped before placing forms.

Form marks and offsets up to one-half inch in depth will be allowed on the inside surface of the inlet. Such offset shall be troweled to a struck finish.

(d) Cover

Top cover of inlet may be precast and subsequently secured to basin by grouting as shown on the Plans.

38.03 METHOD OF MEASUREMENT (IF APPLICABLE)

(a) The quantities of curb inlets shown on the Drawing for which payment will be allowed shall be the actual number of each type size and depth inlet, 5'-0" deep or less installed and accepted.

(b) The depth of the inlet for payment purposes shall be measured from the curb edge of the top cover to the lowest pipe invert. Inlets 5'-0" or less shall be measured and paid for as one inlet at the unit price bid for each in the Bid Schedule.

(c) For inlets more than 5'-0" in depth, payment will be allowed for additional depth in units of vertical linear feet as provided in the Bid Schedule.

38.04 PAYMENT (IF APPLICABLE)

Payment for all curb inlets as constructed under these Specifications shall be made for the quantities determined in the manner specified above as listed under the contract pay items in the Bid Schedule. These amounts, so paid, shall constitute full compensation to the Contractor under this Item and shall cover the cost of furnishing all labor, materials, tools, plant equipment, services and other expenses in connection with the furnishing and construction of curb inlet complete-in-place including all excavation, backfill, masonry, all castings, reinforcing steel, inspection and tests, all as herein specified.

END OF DOCUMENT